



# FEMA



Prepared by  
*Matthew Bloemer*

# FEMA Region 6 Weather Threat Briefing

Monday, November 5, 2018

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).

# Summary of the Upcoming Week



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## Today

- **Potential for a significant severe weather event this evening and overnight, especially over E AR and NE LA. Damaging winds and tornadoes are the main threat, hail also possible.**
- **A slight risk of severe storms extends into most of SR, N LA and NE TX; damaging winds are the main threat, isolated tornadoes possible.**

## Tuesday - Wednesday

- **No significant weather expected.**

## Thursday - Friday

- **Next front moves through the Region on Thursday; may see a few strong to severe storms, mainly over the eastern half of the Region.**

## River Flood Status

- **Points along the Nueces River in STX will continue in Moderate/Major Flood this week.**
- **The Trinity River at Riverside & Liberty in SE TX will continue in Moderate Flood this week.**

## Tropical Outlook

- **Tropical cyclone formation is not expected during the next 5 days.**

# FEMA Region 6 Threat Matrix

Nov 5, 2018 – Nov 9, 2018



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DAY / THREAT	MON	TUE	WED	THU	FRI
Severe Storms	E AR, NE LA			Eastern portions of the Region	
	AR, NETX, LA				
Heavy Rain / Flash Flooding					
Winter Weather					
Tropical Weather					
River Flooding	SETX, STX	SETX, STX	SETX, STX	SETX, STX	SETX, STX

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

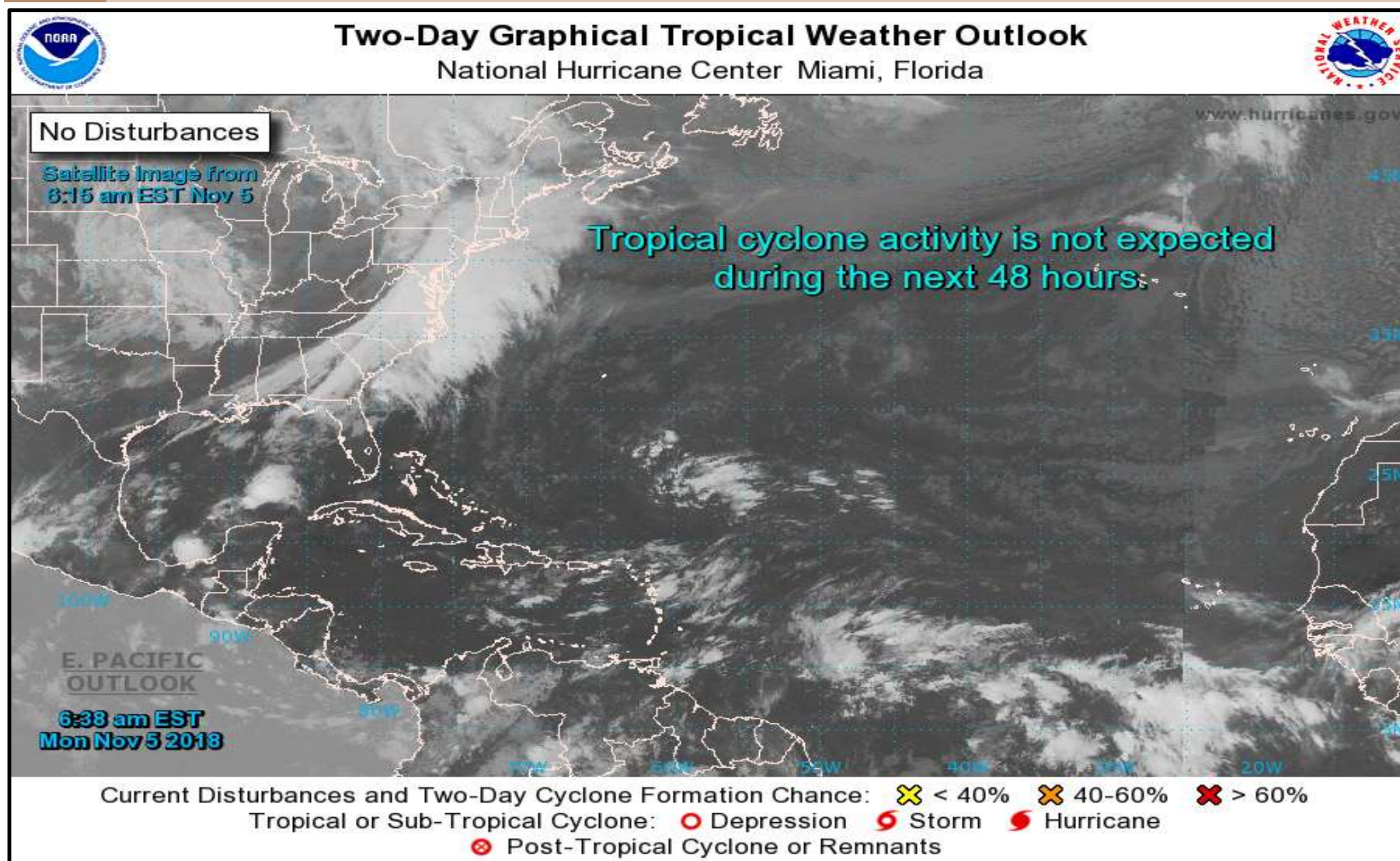
*\*Threat levels are based on FEMA Region 6 criteria.  
State or local threat level criteria may differ.\*  
For more details on the colors in the threat matrix refer to the last slide in this briefing.*



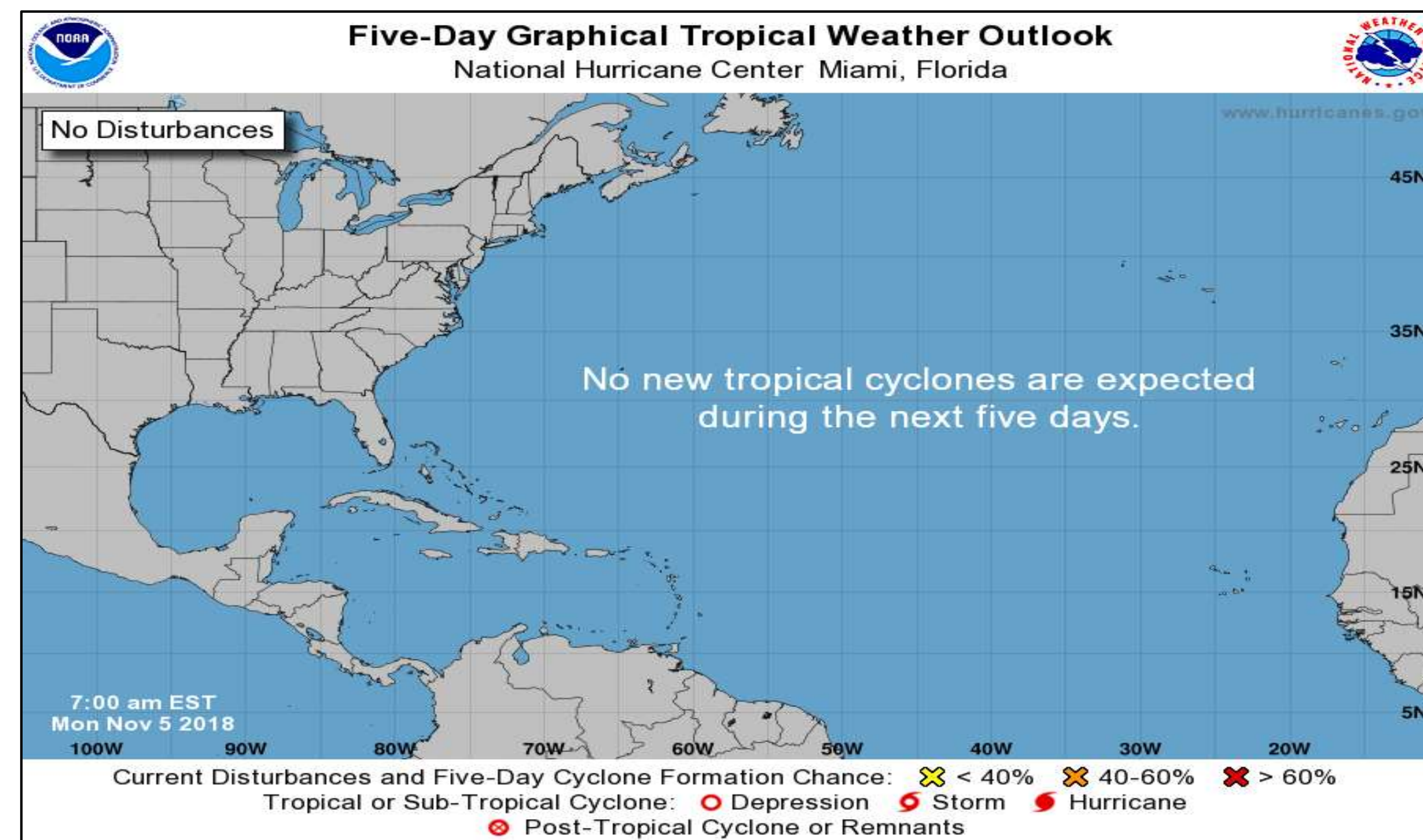
# Tropical Weather Outlook – Atlantic/Gulf



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Tropical cyclone activity is not expected during the next 5 days.



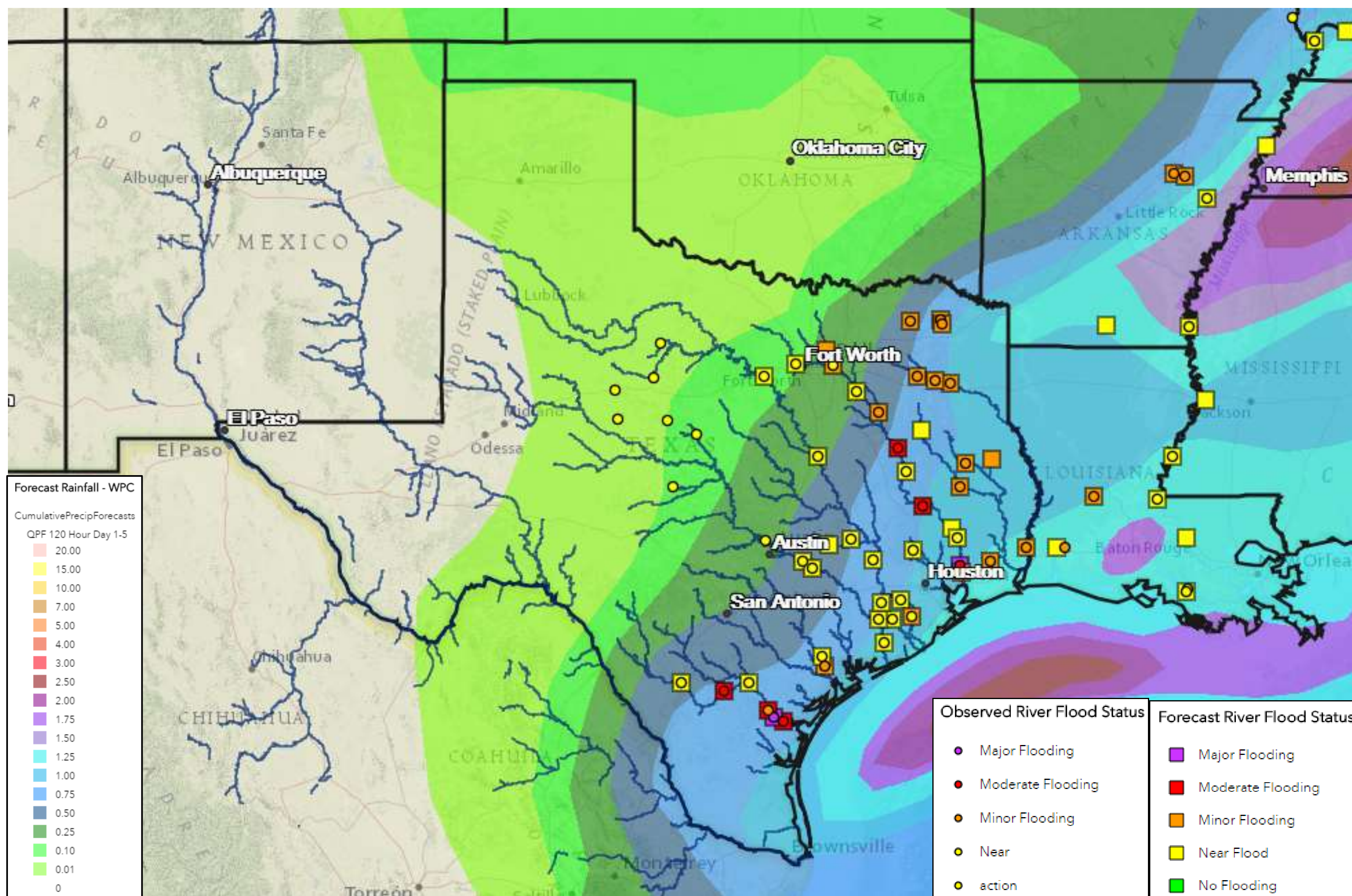


# 5-Day Precipitation Forecast & River Flood Status



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*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*



**A few points in AR are in minor flood stage; forecasted rainfall tonight may cause a few more minor rises in SE AR and N LA.**

**Moderate to Major Flooding will continue on the Nueces for at least the next week as water slowly moves downstream.**

**The Trinity River at Riverside and Liberty will remain in Moderate Flood stage through next week. At Liberty, the river may rise to major flood stage by mid week and residents in 5 or 6 subdivisions may be cut off if not evacuated.**

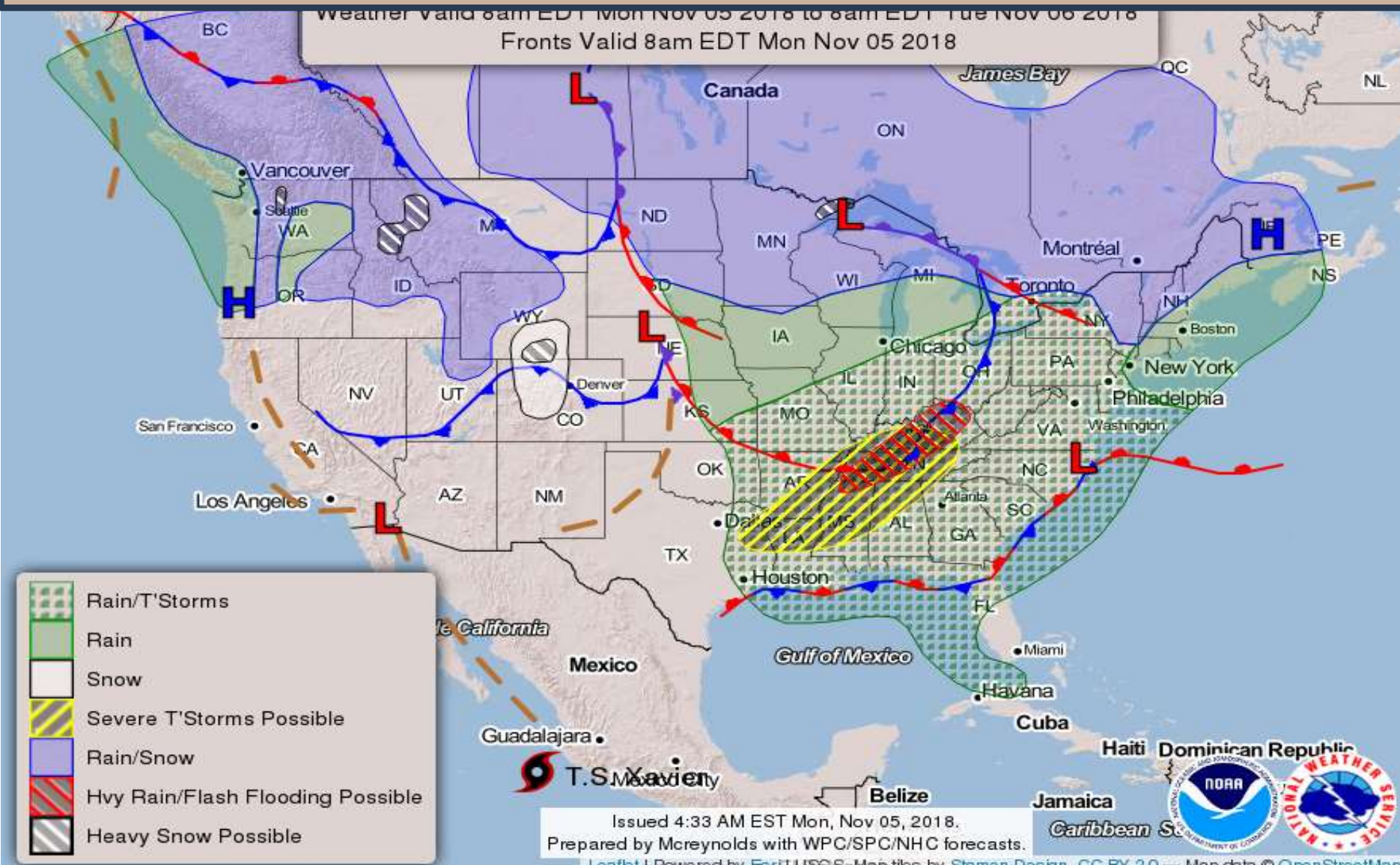


# Today's Weather



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## Forecast Chart



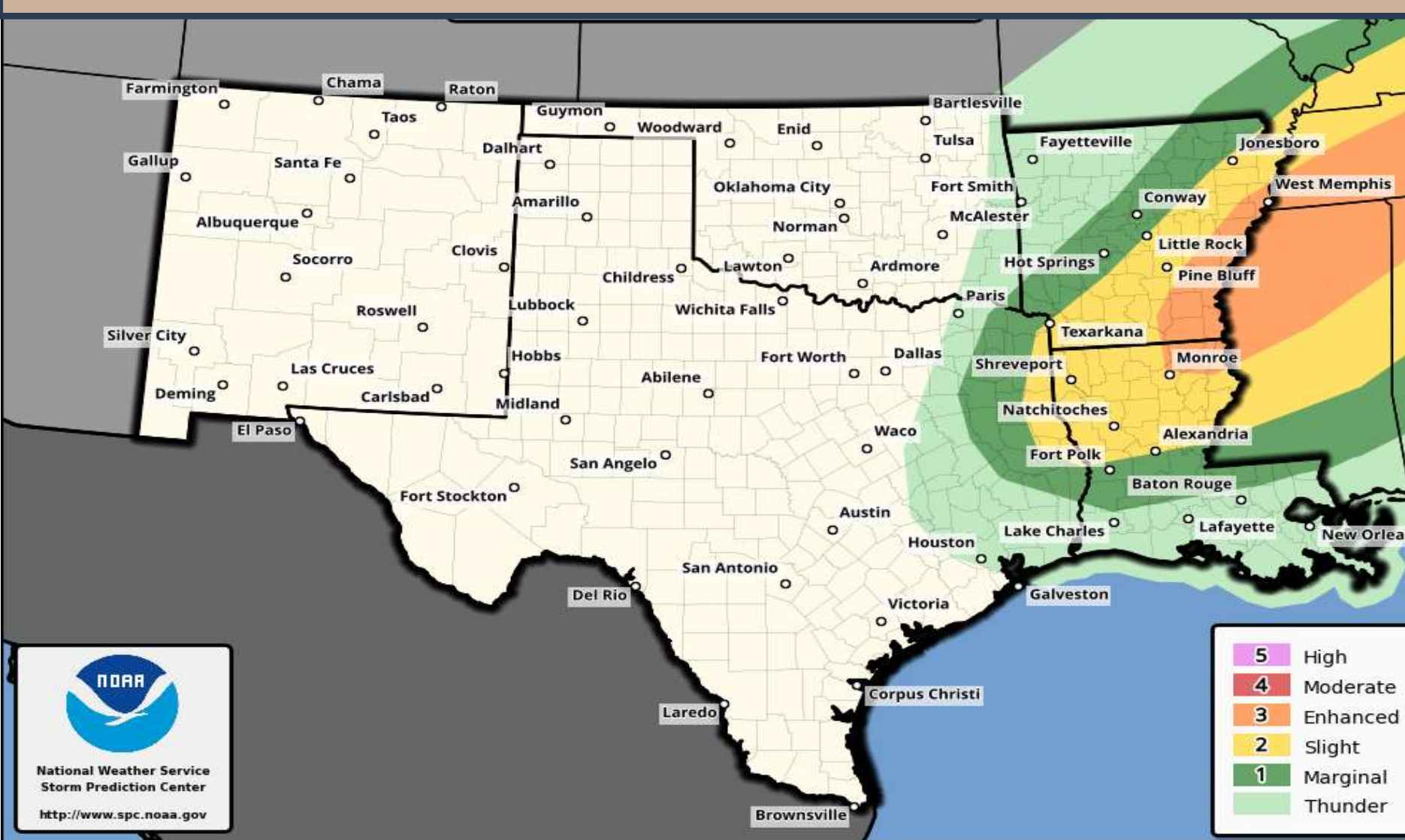
## Forecast Rainfall



Potential for a significant severe weather event this evening and overnight, especially over E AR and NE LA. Damaging winds and tornadoes are the main threat, hail also possible.

A slight risk of severe storms extends into most of SR, N LA and NE TX; damaging winds are the main threat, isolated tornadoes possible.

## Severe Weather Outlook



## Excessive Rainfall Outlook





# Tomorrow's Weather

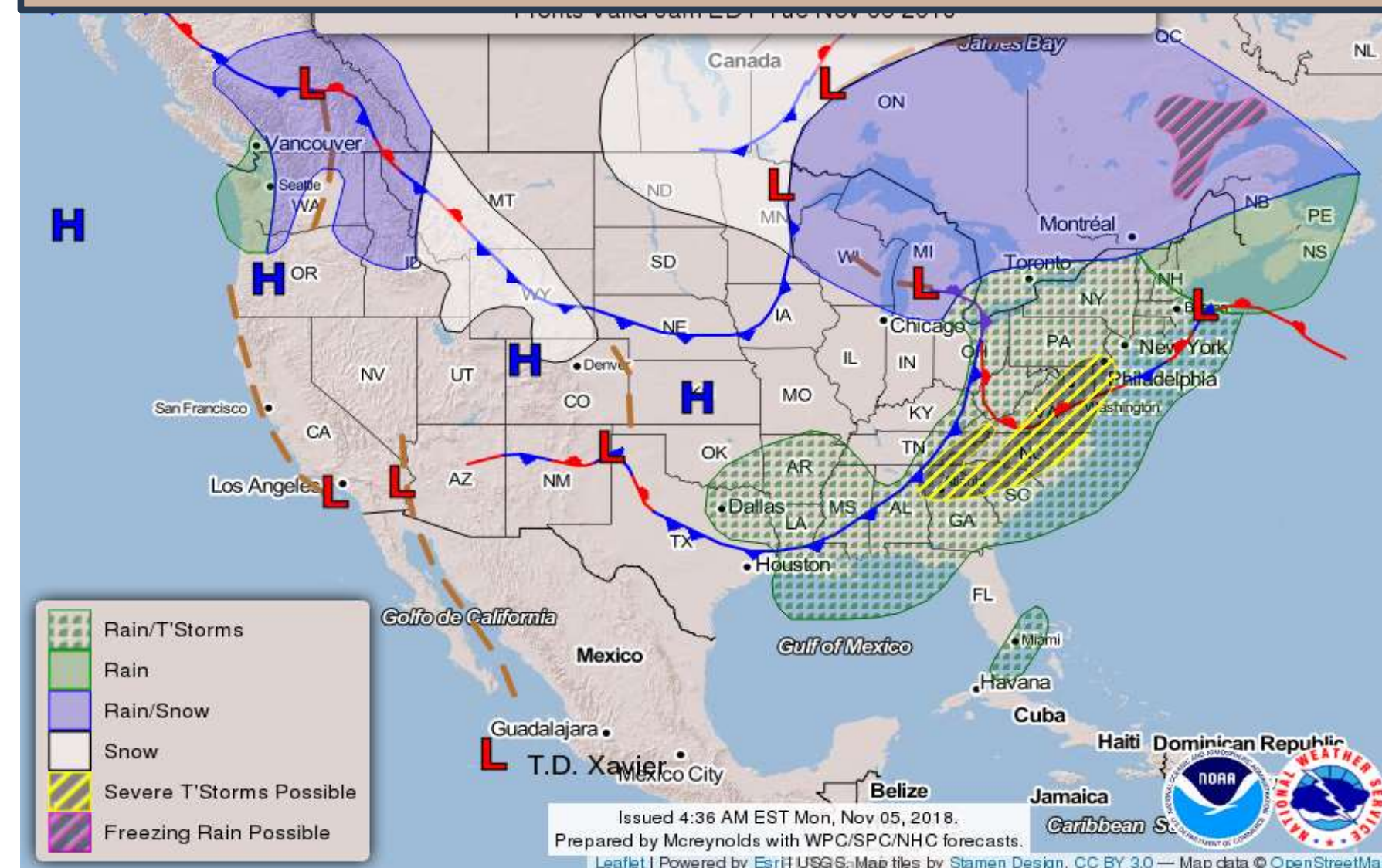


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## Forecast Chart

## Forecast Rainfall

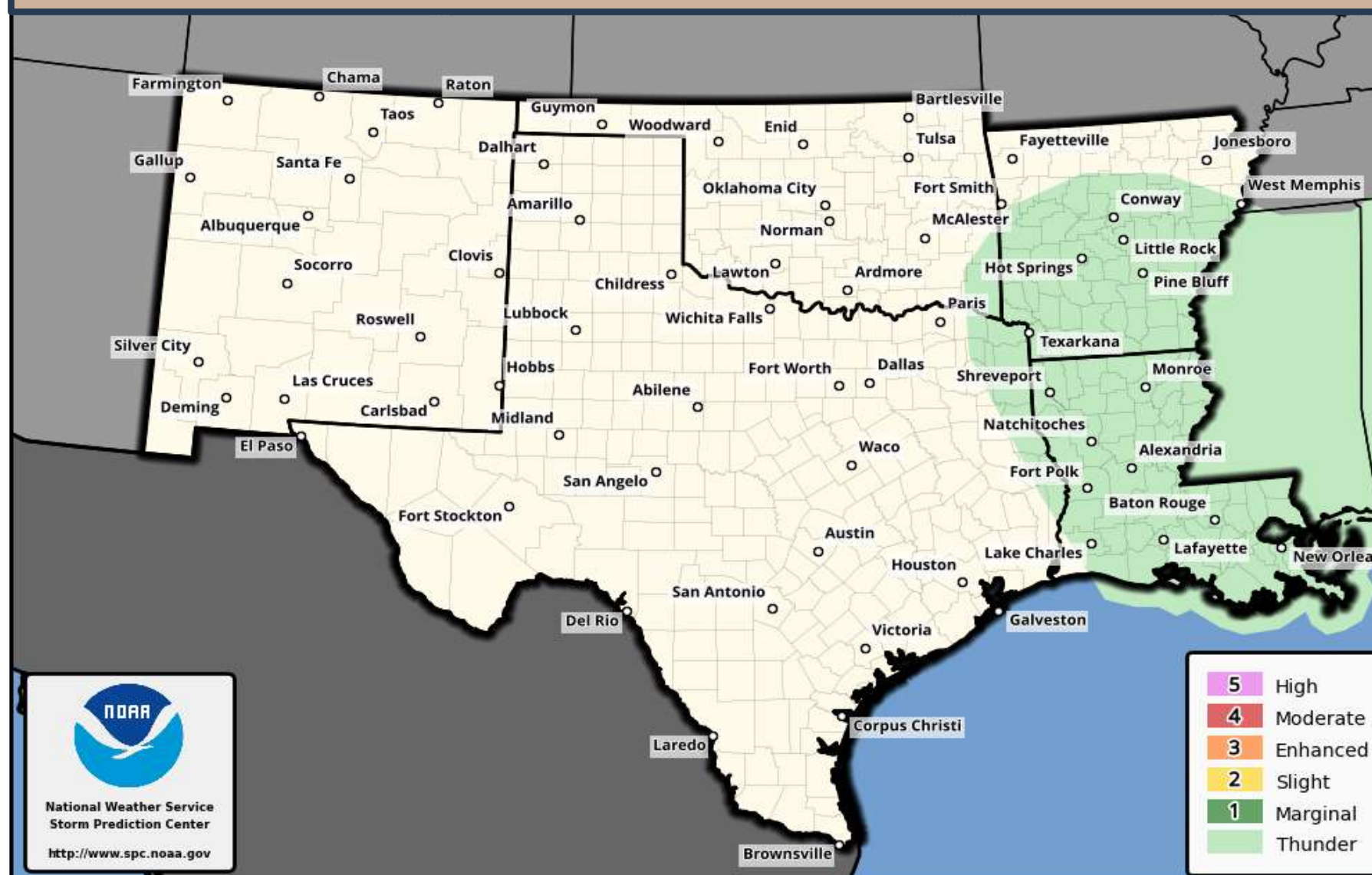
No significant weather  
expected.



Graphic Created  
November 5th, 2018  
7:04 AM CST

## Severe Weather Outlook

## Excessive Rainfall Outlook



Graphic Created  
November 5th, 2018  
AM CST



# Wednesday's Weather

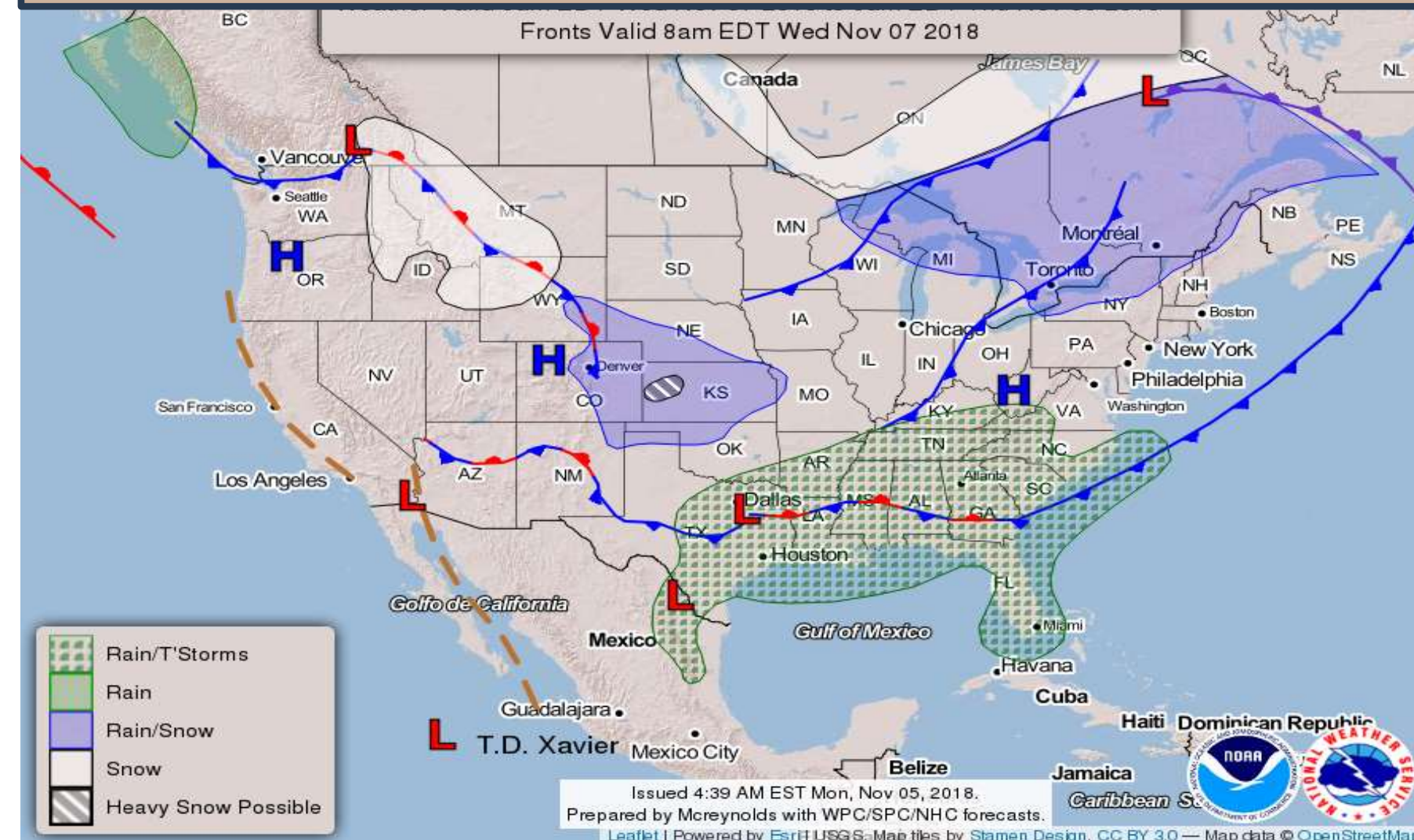


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## Forecast Chart

## Forecast Rainfall

No significant weather  
expected.



Graphic Created  
November 5th, 2018

## Severe Weather Outlook

## Excessive Rainfall Outlook



Graphic Created  
November 5th, 2018  
AM CST



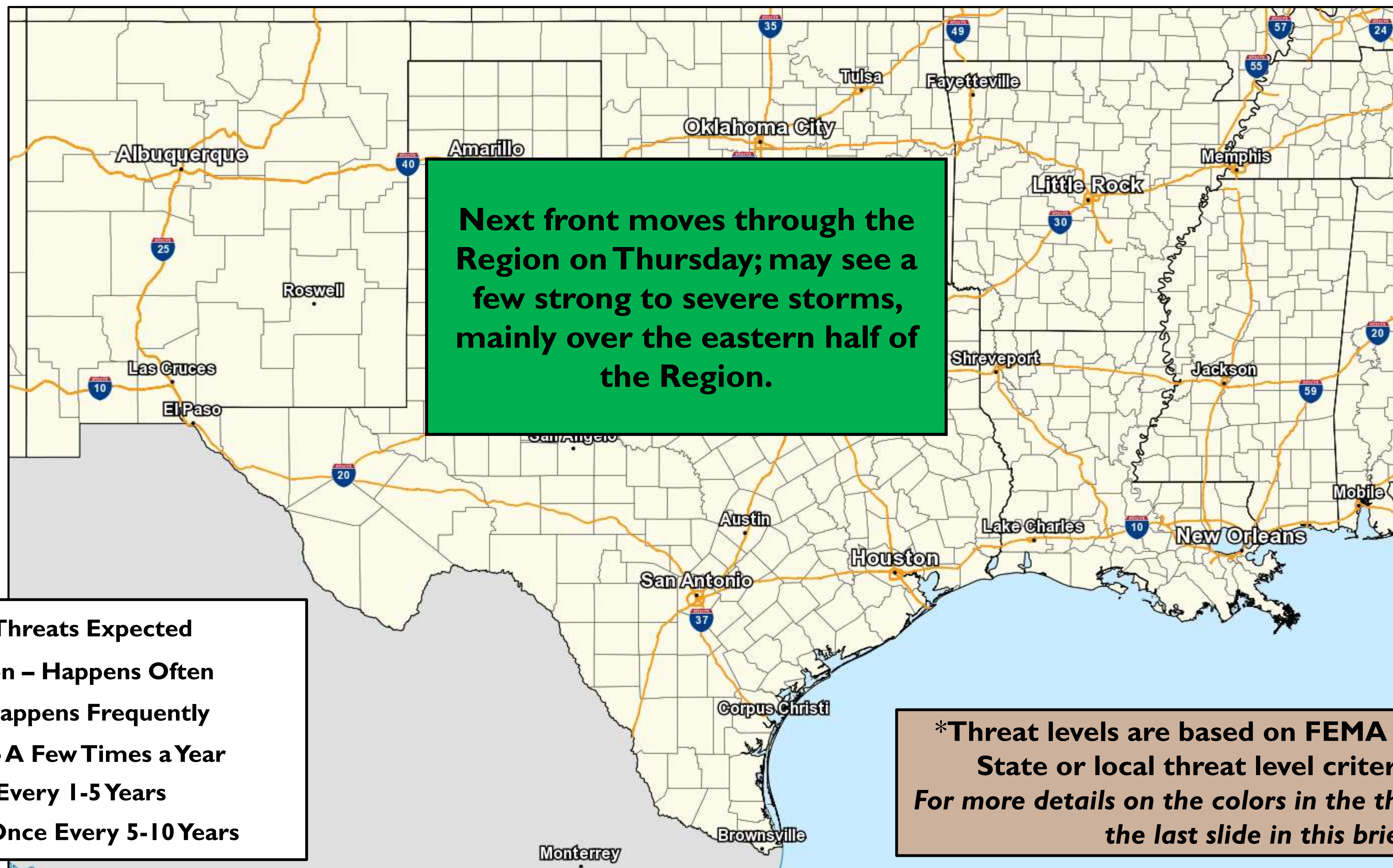


# Days 4-5 Weather Hazards

Thursday - Friday



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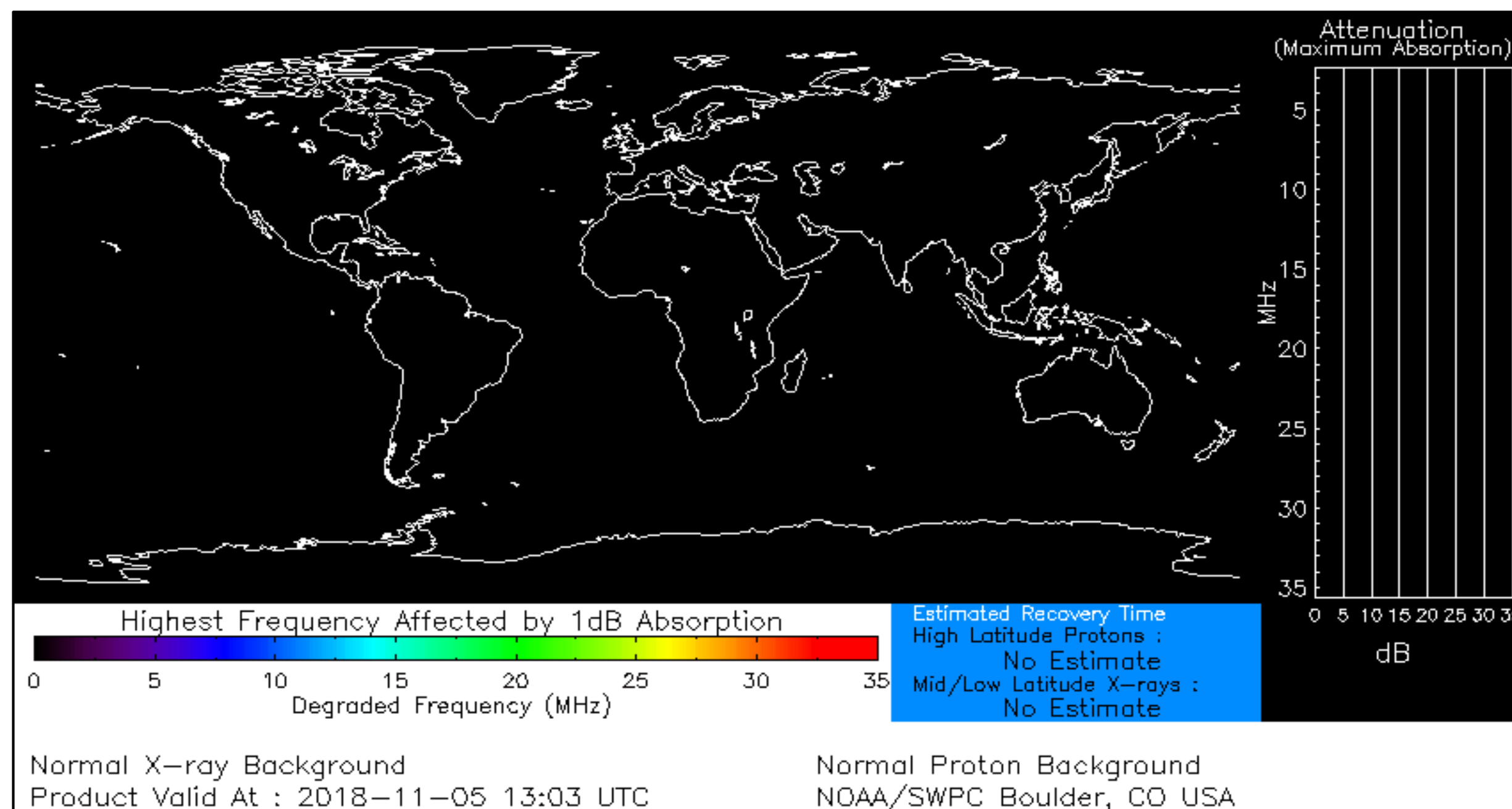


# Space Weather 3-Day Forecast



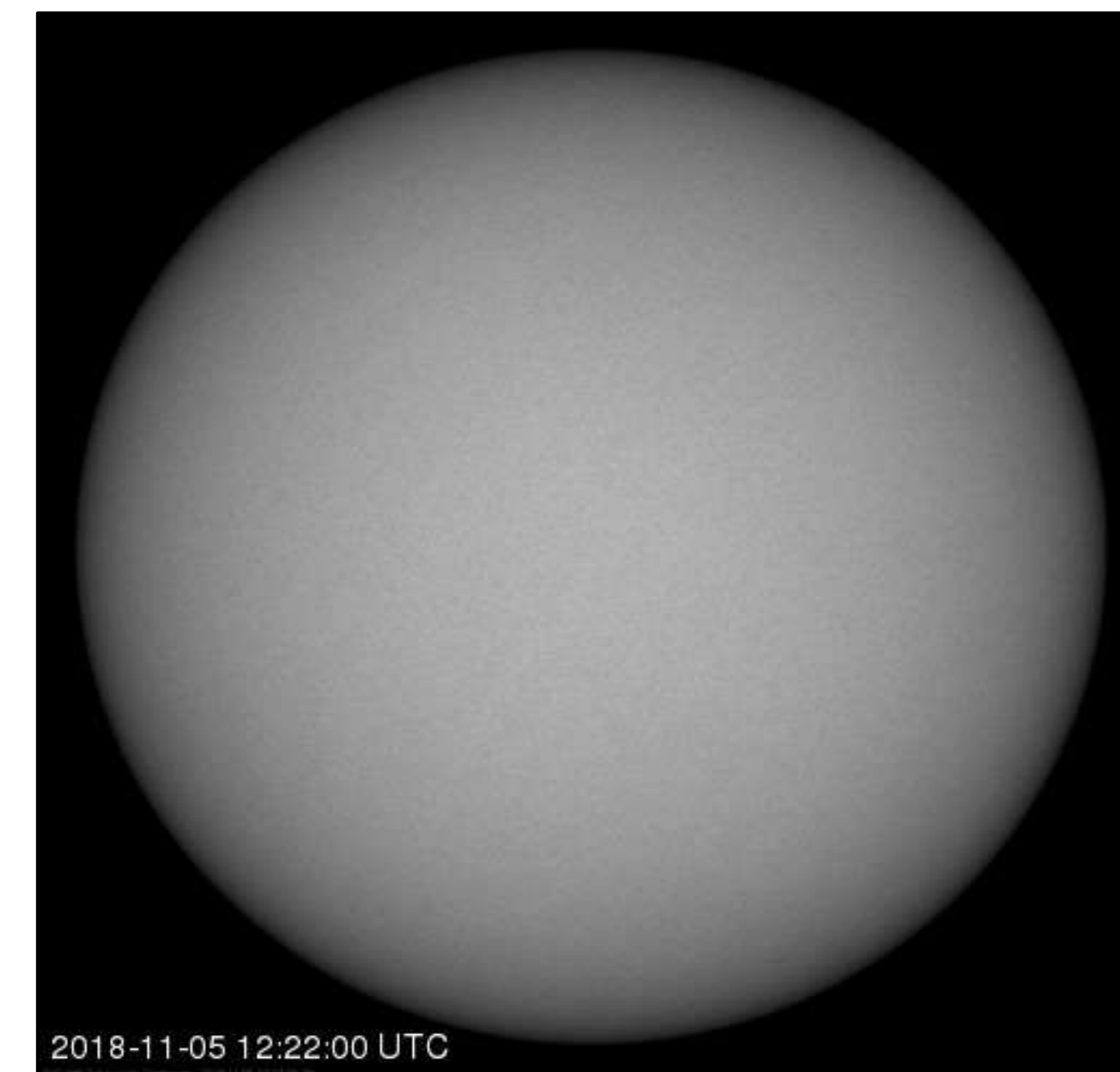
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	Monday	Tuesday	Wednesday
<b>Geomagnetic Storms</b>	<b>Active to Moderate Storm (Max Kp = 6)</b>	<b>Active to Quiet (Max Kp = 4)</b>	<b>Quiet to Unsettled (Max Kp = 3)</b>
<b>Solar Radiation Storm (S1-S5)</b>	1%	1%	1%
<b>Radio Blackout (R1-R2)</b>	1%	1%	1%
<b>Radio Blackout (R3-R5)</b>	1%	1%	1%



[Click here for a  
Description of the Space  
Weather Storm Scales](#)

[Click here for the Latest  
3-Day Space Weather  
Forecast Text](#)







# For more information, please contact:

**National Weather Service**  
Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX

Phone: (682) 703-3747

E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)

Web: <http://www.weather.gov/srh>





Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

**Criteria for the color codes in this briefing is to the left, please provide any feedback to**

**[sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**